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| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: March 7, 2007 <i>(use as many sheets as necessary)</i> | | | | Complete if Known | |
| | | | | Application Number | 10/683,878 |
| | | | | Filing Date | 10/10/2003 |
| | | | | First Named Inventor | Duane R. Pillar |
| | | | | Art Unit | 3661 |
| | | | | Examiner Name | Broadhead, Brian J. |
| Attorney Docket Number | | | | 061300-0361 | |
| Sheet | 1 | of | 1 | | |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|--------------------------------|--|--|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| /BB/ /DD/ | A1 | US-6,033,041 | 03-07-2000 | Koga et al. | |
| | A2 | US-5,202,830 | 04-13-1993 | Tsurumiya et al. | |
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| UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS | | | | | |
|---|--------------------------|---|--|--|--|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Application Document | Filing Date of Cited Document MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|--|--------------------------------|---|--|----------------|
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| Examiner Signature | /Brian J. Broadhead/ | Date Considered | 06/25/2007 |
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| | | | | First Named Inventor | Duane R. Pillar |
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|-----------------------|-----------------------|--|--------------------------------|--|--|
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| | | Number-Kind Code ² (if known) | | | |
| /BB/ | A1 | 6,522,955 B1 | 02-18-2003 | Colborn | |
| /BB/ | A2 | 6,430,164 B1 | 08-06-2002 | Jones et al. | |
| /BB/ | A3 | 6,405,114 B1 | 06-11-2002 | Priestley et al. | |
| /BB/ | A4 | 6,331,365 B1 | 12-18-2001 | King | |
| /BB/ | A5 | 6,230,496 B1 | 05-15-2001 | Hofmann et al. | |
| /BB/ | A6 | 6,070,538 | 06-06-2000 | Flamme et al. | |
| /BB/ | A7 | 6,065,565 | 05-23-2000 | Puszkiewicz et al. | |
| /BB/ | A8 | 6,033,041 | 03-07-2000 | Koga et al. | |
| /BB/ | A9 | 5,856,976 | 01-05-1999 | Hirano | |
| /BB/ | A10 | 5,568,023 | 10-22-1996 | Grayer et al. | |
| /BB/ | A11 | 5,418,437 | 05-23-1995 | Couture et al. | |
| /BB/ | A12 | 5,202,830 | 04-13-1993 | Tsurumiya et al. | |
| /BB/ | A13 | 3,720,863 | 03-13-1973 | Ringland et al. | |

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|---|-----------------------|---|--|--|--|
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| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|--|--------------------------------|---|--|----------------|
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| Examiner Signature | /Brian J. Broadhead/ | Date Considered | 06/25/2007 |
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